

WEST



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File: JPAB

Jan 23, 1987

PUB-NO: JP362015247A
DOCUMENT-IDENTIFIER: JP 62015247 A
TITLE: THERMOPLASTIC RESIN COMPOSITION

PUBN-DATE: January 23, 1987

INVENTOR-INFORMATION:

NAME

COUNTRY

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KASAI, MICHIO

ATSUMI, NOBUKAZU

US-CL-CURRENT: 524/494
INT-CL (IPC): C08L 23/26; C08K 7/14; C08L 23/10

ABSTRACT:

PURPOSE: To provide a composition giving a molded article having excellent mechanical strength, rigidity and thermal deformation resistance and remarkably suppressed warpage, by compounding a modified polypropylene, a specific polyamide, an amorphous thermoplastic resin and glass fiber at specific ratios.

CONSTITUTION: The objective composition can be produced by compounding (A) a polypropylene modified with an unsaturated carboxylic acid (anhydride) or a polypropylene containing ≥ 1 pt. (wt.) of the above resin with (B) a polyamide resin produced by the polycondensation of m-xylylenediamine and adipic acid, (C) an amorphous thermoplastic resin having benzene ring in the recurring molecular unit and (D) glass fiber. The amount of the component C is $5 \sim 40$ pts. (wt.) per 100pts. of the sum of the components A+B wherein the components A and B account for $95 \sim 50$ wt% and $5 \sim 50$ wt%, respectively. The amount of the component D is $5 \sim 100$ pts. per 100pts. of the components A+B+C.

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WEST Search History

DATE: Tuesday, April 01, 2003

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DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

L7	L6 and (polypropylene or polyolefin or poly(propylene) or propylene polymer).ab.	14	L7
L6	((polyamide or nylon) near10 (meta-xylylenediamine or metaxylylenediamine or m-xylylenediamine)).ab.	118	L6
L5	L4 and l2	172	L5
L4	(polyamide or nylon) near10 (meta-xylylenediamine or metaxylylenediamine or m-xylylenediamine)	347	L4
L3	polyamide or nylon and (meta-xylylenediamine or metaxylylenediamine or m-xylylenediamine) and l2	208044	L3
L2	L1 and (polypropylene or polyolefin or poly(propylene) or propylene polymer)	98171	L2

DB=DWPI,USPT,EPAB,JPAB,TDBD; PLUR=YES; OP=ADJ

L1	polyamide or nylon	356013	L1
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